

Date: Sat, 19 Jun 93 04:30:12 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V93 #750
To: Info-Hams

Info-Hams Digest Sat, 19 Jun 93 Volume 93 : Issue 750

Today's Topics:

7 weeks + 1 day for No-Code Tech License
Apollo & hams (was Re: "If you believe they put a man on the moo
Are we losing our technical abilities?
Broadcast IDs (2 msgs)
BUYING COAX
Czech QSL Info
HAM-server index of files
Opinions sought on Fritzel FD4
Poor Operating Practice By 5A0RR
UN:The ITU phonetic alpha
Yaesu FT-5100/5200 mods, Rev D
Yaesu 415 mods

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Sat, 19 Jun 1993 00:21:02 GMT
From: usc!howland.reston.ans.net!sol.ctr.columbia.edu!news.unomaha.edu!
cwis.unomaha.edu!ncc2001@network.UCSD.EDU
Subject: 7 weeks + 1 day for No-Code Tech License
To: info-hams@ucsd.edu

congratulations on the "quick" turnaround. I took my test on May 25th and
passed my "Tech Lite" exam. I just hope that they can get it to me a little
quicker than that.

73's and hope to hear from you soon (I'll be going to UNL soon for my last

community college. I could have skipped much of the first quarter entirely.
A good deal of the second quarter was familiar.

I learned about electronics on my own without an elmer, without community college (later got the 4 year electronics degree) and didn't find the general test to be difficult at all when I was a kid.

I might just depend on how much one is really interested in what is going on inside the box and how much one wants to apply him or herself.

A lot of people just don't care.

But you are right in that the technical level is way down, and perhaps this is due in part to the fact that one cant really do much when the box breaks these days, what with cpu's, surface mount, etc etc... It used to be that when I had a problem with my box, I could open it up, and find out which resistor or capacitor etc... was bad. Doing this was more valuable than any book or college class. I had to be able to use a VOM (remember those?), scope, solder and figure out how the circuit works... These days, one just packs the xcvr in a box and ships it off to get fixed.

Date: Fri, 18 Jun 93 23:59:23 PDT
From: pacbell.com!amdahl!grafex!ka6etb@network.UCSD.EDU
Subject: Broadcast IDs
To: info-hams@ucsd.edu

gary@ke4zv.uucp (Gary Coffman) writes:

> Not always. WSB-TV is WSB-TV, not just WSB. The AM station is just
> WSB. In fact, I don't think I've ever run across a TV station that
> didn't have TV tacked on to their licensed call. I am aware of several
> examples of FM stations with no suffix. And I think all AM stations are
> just 3 or 4 letters. When I worked for WJRJ-TV, later WTCG-TV and then
> WTBS-TV, there were no associated radio stations, yet the TV was there
> on the license documents. Same for WEHT-TV and WFIE-TV and WTVW-TV. Any
> examples to the contrary?

Sure:

KPIX - San Francisco (ch5)
KATU - Oakland (ch2)

KNTV - San Jose (ch11)
KPTV - Portland (ch12)

How's this for an anomaly? KCBS radio is in San Francisco. KCBS-TV is in Los Angeles.

73 de KA6ETB

Date: Fri, 18 Jun 1993 20:23:05 GMT
From: psinntp!uuneo!sugar!jreese@uunet.uu.net
Subject: Broadcast IDs
To: info-hams@ucsd.edu

Just for grins, I looked up the rules. The following was extracted from "Pike & Fischer's Broadcast Rules on Disk" Updated 6-1-93

73.1201 Station identification.

(a) When regularly required, broadcast station identification announcements shall be made: (1) at the beginning and ending of each time of operation, and (2) hourly, as close to the hour as feasible, at a natural break in program offerings. Television broadcast stations may make these announcements visually or aurally.

(b) Content. (1) Official station identification shall consist of the station's call letters immediately followed by the community or communities specified in its license as the station's location: provided, that the name of the licensee or the station's frequency or channel number, or both, as stated on the station's license may be inserted between the call letters and station location. No other insertion is permissible.

(2) A station may include in its official station identification the name of any additional community or communities, but the community to which the station is licensed must be named first.

That's what the FCC has to say on the matter!

--

Jim Reese, WD5IYT | "We need freedom of speech in this country so we can

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jreese@sugar.neosoft.com | identify all the jerks out there" --Ted Nugent
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Date: Fri, 18 Jun 93 08:03:33 PDT
From: olivea!charnel!csusac!citrus!earldom!jre@uunet.uu.net
Subject: BUYING COAX
To: info-hams@ucsd.edu

wtm@uhura.neoucom.edu (Bill Mayhew) writes:

> I bought some flexible 9913-like cable from Cable Experts (see ads
> in ham magazines). The loss and propagation velocity are the same
> as Belden's 9913, but the Cable Experts stuff has a stranded center
> conductor which makes it much easier to work with. Highly
> recommended, if not inexpensive.

I can't seem to find their ads in the two magazines I have. Could you kindly post their address/phone number? I was about to buy some 9913, but will hold off until I check this stuff out. Thanks.

I am installing a repeater in a tall building, and the feedline has to run through 120' of 4" conduit. We tried running 1/2" hardline through the conduit, without any luck. There are four 90-degree elbows the cable has to travel through, and they are inaccessible. The cable has to be pulled through with rope. I am hoping that 9913 will be a little more flexible than 1/2" hardline, and will make the 90-degree turns ok.

I refuse to use RG-8, as it has about 6 dB loss per 100 feet at 440. Someone told me 9913 has close to the same loss as 1/2" hardline, but with the size/look of RG-8. It sounds like the answer to my problem.

(916) 729-6825 Jim Earl - KB6KCP (916) 929-0300 x233
 (home) earldom!jre@csusac.ecs.csus.edu (work)
 csusac!earldom!jre

Date: Fri, 18 Jun 1993 22:42:13 GMT
From: sdd.hp.com!col.hp.com!news.dtc.hp.com!srigenprp!bsplaine@decwrl.dec.com
Subject: Czech QSL Info
To: info-hams@ucsd.edu

I originally posted this by mistake in rec...swap... so here goes agn.

I had contacts with OM3 via OK3 and an OK2...

What is the proper address for QSL'ing??? With all the changes, I don't know what the name of the country should now be on the envelope.

Thanks in advance for any help.....

Bill, N6GHG

Date: 18 Jun 1993 22:48:40 GMT
From: dog.ee.lbl.gov!overload.lbl.gov!agate!howland.reston.ans.net!gatech!
willis1.cis.uab.edu!news.ecn.bgu.edu!anaxagoras.ils.nwu.edu!news.acns.nwu.edu!
elvex31.acns.nwu.edu!user@network.
Subject: HAM-server index of files
To: info-hams@ucsd.edu

Please tell me about your service. Also, do you have Packet Tracker vers
1.0.7 or later (Mac program - PD)?

| Dave Alpert, KB9CNU |
| 440 No. Western Ave. | Packet Radio:
KB9CNU@W8LVN.IL.US.NOAM
| Lake Forest, IL | Direct packet through ILWIN (145.57)
| 708-295-6078 (voice) |
| 708-295-6926 (MACropoedia BBS) | CI\$: 70416,124
| 708-295-1927 (FAX) | America Online: Dalpert
| MS-DOS, Just Say NO! | GEnie: DALpert
Friends don't let friends do DOS!

Date: 19 Jun 1993 17:18:53 +0800
From: munnari.oz.au!uniwa!uniwa!not-for-mail@network.UCSD.EDU
Subject: Opinions sought on Fritzel FD4
To: info-hams@ucsd.edu

Has anyone have any practical experience or opinions on the Fritzel FD4
"Trapless" antenna. The FD4 is supposedly an end fed wire antenna with a
rather nifty balun. Supposedly if you have the right length of wire (I
think about 21 meters) it will work on all the popular HF ham bands.

Any ideas would be appreciated.

Regards,

Gary

Gary Carroll: Consulting and Programming Services Phone: (09) 362 9511
 Winthrop Technology Fax : (09) 382 1688
 University of Western Australia gary@uniwa.uwa.edu.au
 Nedlands 6009 AUSTRALIA Packet Radio: VK6XQ@VK6KS

Date: Sat, 19 Jun 1993 00:53:04 GMT
From: usc!howland.reston.ans.net!darwin.sura.net!gatekeeper.es.dupont.com!
esds01.es.dupont.com!COLLINST%esvx19.es.dupont.com@network.UCSD.EDU
Subject: Poor Operating Practice By 5A0RR
To: info-hams@ucsd.edu

On the evening of 6/17 at about 0300Z 5A0RR came up on 14.195Mhz.
He talked to a few stations he had a schedule with then all Hell
broke loose. He started split frequency operation calling on
14.195 and listening 14.200 - 14.300.

Needless to say the thousands of stations in the US and overseas
wiped out 20 meters from 14.150 - 14.300. There were several nets,
one on one QSOs and SSTV QSOs going on. But all of these were
drowned out by the inconsiderate DXers who didn't listen to a frequency
first before transmitting. This went on until about 0345Z when Romeo
went QRT.

On a personal note, I have been licensed since 1978. Was very active
in Dxing for a couple of years then sort of gave up Amateur Radio
to pursue my computer hobby. I got back into HAMing about 4 years
ago and must say that alot of present day Amateur Radio Operators
know nothing of "Radio Etiquette". This is why I gave up DXing and
do more listening now with a few one on one QSOs. Pileups are one
thing, but abusive language, poor operating procedures and total
lack of control is another.

73, Tom WI3P collinst@esvx.dnet.dupont.com or collinst@holonet.net
***** The comments, opinions, belief, sentiment, views & scribblings *****
***** above this signature are mine, and mine alone. They do not *****
***** reflect the E.I. DuPont de Nemours Co., Inc., its subsidiaries *****
***** and/or its partners nor its employees or shareholders. *****

Date: 18 Jun 1993 23:15 PST

From: usc!math.ohio-state.edu!cyber1.cyberstore.ca!van-bc!vanbc.wimsey.com!
cs.ubc.ca!unixg.ubc.ca!erich.triumf.ca!bennett@network.UCSD.EDU
Subject: UN:The ITU phonetic alpha
To: info-hams@ucsd.edu

In article <1993Jun18.121744.7692@hemlock.cray.com>, dadams@cray.com writes...
>the obvious one for "W" is "write" or "written" or "wrong".
>

I prefer "won" - then you can also use "one" and "juan"...

For "p", use "physics" or "psychiatry" or "pseudo", depending on context...

Peter Bennett VE7CEI	Vessels shall be deemed to be in sight
Internet: bennett@erich.triumf.ca	of one another only when one can be
Bitnet: bennett@triumfer	observed visually from the other
TRIUMF, Vancouver, B.C., Canada	ColRegs 3(k)

Date: Fri, 18 Jun 1993 22:06:45 GMT
From: castor!082589@lanl.gov
Subject: Yaesu FT-5100/5200 mods, Rev D
To: info-hams@ucsd.edu

Thank you for your time and effort in compiling this info. There are people out here that really appreciate it.

Date: 19 Jun 93 03:54:53 GMT
From: gatech!howland.reston.ans.net!math.ohio-state.edu!hobbes.physics.uiowa.edu!
moe.ksu.ksu.edu!usenet-feed.umn.edu!cnews@RUTGERS.EDU
Subject: Yeasu 415 mods
To: info-hams@ucsd.edu

Anyone have the mods for a Yeasu-415 hand-held?

Thanks,
Paul Craven
KG0DZ

Date: 18 Jun 93 18:30:47 EST
From: titan.ksc.nasa.gov!k4dii.ksc.nasa.gov!user@ames.arpa
To: info-hams@ucsd.edu

References <C8osv5.Jop@fc.hp.com>, <C8qHGq.679@srngenprp.sr.hp.com>,
<1993Jun17.065844.2290@ke4zv.uucp>
Subject : Re: SB200 power supply problems - help please.

In article <1993Jun17.065844.2290@ke4zv.uucp>, gary@ke4zv.uucp (Gary Coffman) wrote:

> This is a novel approach to the problem. However, I think the reason
> commercial designers don't do this is that most rectifier diodes aren't
> built to operate as zeners and some junction damage occurs when the
> reverse voltage threshold is exceeded. The damage is often cumulative,
> and ultimately results in a failed diode.

Gary-

I'm not trying to start a fight, but Alan is exactly right about the sum of the zener voltages. Your concern about the "damage" being cumulative, has no basis in fact. Zener action in diodes, as well as in the junctions of transistors, is a normal phenomenon that is fairly well understood. As long as the heat generated in the device doesn't exceed its capability to dissipate it, no damage will occur. A rectifier diode is usually rated so that the zener voltage is higher than its PRV.

On the other hand, there is the dielectric strength of the materials used to make the diode. Suppose there was some material used in manufacturing the diode, such as an epoxy body, that was subjected to a voltage sufficient to cause a dielectric breakdown. This would also be destructive if current wasn't limited, and some cumulative collection of ions would be expected to build up in the material. However, such a dielectric breakdown would be unlikely to occur at a point lower than the diode's zener voltage. If it did, it would be a sure indication that the epoxy was somehow defective to begin with.

With regard to dielectric strength, what about those resistors you want to put across the diodes? Many of us would use high value half watt carbon resistors without thinking about their 350 volt rating. Even a large two watt carbon resistor is only rated for about 750 volts, as I recall. If you insist in using a resistor across each diode, you must take this into account.

Now, what about the response of a diode string to a fast rise time transient voltage? The voltage spike will divide among the diodes in inverse proportion to their reverse bias junction capacitance. The more I think about this, the less sure I am about what the end result would be. Would the resulting current exceed some instantaneous reverse current or power limit? Or, would the sum-of-zener-voltages analysis still apply? My "feeling" is that use of parallel capacitors to swamp out the junction capacitance, would make the circuit more reliable. Of course, these capacitors' voltage ratings still must be taken into account.

73, Fred, K4DII

fred-mckenzie@ksc.nasa.gov

Date: Fri, 18 Jun 93 21:54:25 GMT
From: csus.edu!netcom.com!netcomsv!orchard.la.locus.com!prodnet.la.locus.com!
lando.la.locus.com!dana@decwrl.dec.com
To: info-hams@ucsd.edu

References <1993Jun17.184333.3458@leland.Stanford.EDU>,
<C8sG43.GDI@cbnewsm.cb.att.com>, <C8tJBM.959@odin.corp.sgi.com>a.lo
Subject : Re: Field Day, what are others doing?

In article <C8tJBM.959@odin.corp.sgi.com> adams@chuck.dallas.sgi.com (Charles
Adams) writes:

>
>the Dinosaurs Valley DX Society will be doing QRP from STX again this
>year. NOTE: named several years ago, so no relation to the new movie
>showing at theatres near you. ;-)
>

Hey! That gives me an idea for Field Day 1994! Since the Flintstones
movie will be in theatres then (starring, among other folks, John
Goodman), operating from the site of Bedrock would be appropriate.

Now, it just so happens Bedrock was located in a Los Angeles County
Park, so you still get the bonus points for using a public park.

Where was Bedrock? Vasquez Rocks, near Santa Clarita, CA.

--

* Dana H. Myers KK6JQ | Views expressed here are *
* (310) 337-5136 | mine and do not necessarily *
* dana@locus.com DoD #466 | reflect those of my employer
*
* This Extra supports the abolition of the 13 and 20 WPM tests *

Date: Fri, 18 Jun 93 23:31:12 GMT
From: csus.edu!netcom.com!netcomsv!orchard.la.locus.com!prodnet.la.locus.com!
lando.la.locus.com!dana@decwrl.dec.com
To: info-hams@ucsd.edu

References <NVX35B1w165w@jackatak.raider.net>, <C8t9IG.Lxv@hpbqmoa.sqf.hp.com>,
<C8tuE3.FGM@cbnewsm.cb.att.com>rodr
Subject : Re: Blue Language Repeaters

In article <C8tuE3.FGM@cbnewsm.cb.att.com> jeffj@cbnewsm.cb.att.com
(jeffrey.n.jones) writes:

>
>When I first got into Ham radio I fully expected that 99% of the people
>would be great and 1% would be idiots.
>

I had two very nice, perfectly legal conversations this morning on
the "potty mouth" 147.435 repeater in Los Angeles. I also heard some
very amusing ranting and raving. Overall, very nice.

--

* Dana H. Myers KK6JQ | Views expressed here are *
* (310) 337-5136 | mine and do not necessarily *
* dana@locus.com DoD #466 | reflect those of my employer
*
* This Extra supports the abolition of the 13 and 20 WPM tests *

Date: Thu, 17 Jun 1993 17:57:30 GMT
From: ftpbox!binford!mcdchg!tellab5!carlson@uunet.uu.net
To: info-hams@ucsd.edu

References <9306151259.AA02473@NADC.NADC.NAVY.MIL>,
<Gj5HsAQPBh107h@GRAFex.Cupertino.CA.US>,
<1993Jun17.143759.13522@rsg1.er.usgs.gov>1
Subject : 6/17/93 2 meter Es Opening

Last night (Wed) there was a short 2 meter Es opening from Northern
Illinois to Texas. I worked W5VY and WV3X/5, both in EL09, at 0140
and 0141Z respectively (6/17 Z). I think others to the east had
similar openings.

Dave AA9D
carlson@tellabs.com

End of Info-Hams Digest V93 #750
